



17 Dec 1947

## The Missouri Miner, December 17, 1947

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# THE MISSOURI MINER

Missouri School of Mines & Metallurgy

Next Issue

Jan. 14, 1948

VOLUME 34

ROLLA, MO., WEDNESDAY, DEC. 17, 1947

NUMBER 12

## Tractor and Auto Expert Addresses ASME Meeting

Members and guests of the MSM branch of the American Society of Mechanical Engineers met in the Auditorium of Parker Hall, Tuesday December 9, at 7:30 p.m. to hear a lecture by Mr. H. F. Bryan, Research Engineer, of the Mechanical Research and Development Division, International Harvester Co., Chicago, Illinois. The subject of Mr. Bryan's talk was "Many phases of Engineering are integrated in Automotive Production."

Mr. Bryan has spent many years studying the design of automobiles and at one time worked with Harry Miller, of racing car fame, on the design of racing cars. He is also a former racing car driver.

Mr. Bryan opened his lecture with a statement that "engineers are the backbone of industry" and that engineers of a plant are responsible that units passing through their hands are up to specifications.

He told how the International Harvester Company was founded 100 years ago to produce one implement and is now producing hundreds of different kinds of implements. Some idea of the products manufactured may be obtained from the following information. They manufacture 15 to 20 different models of industrial tractors, different power units, 8 to 10 types of farm tractors. The IHC is one of the largest manufacturers of trucks and magnetos in the world. They also produce most of the carburetors, radiators, rollers, and ball bearings, and all of the engine governors used in their factories. In addition to this they make refrigerators, have their own plant for growing the sisal used in making binder twine, and own a steel mill where their steel is made.

The IHC employs about 23 different kinds of engineers, which includes Design engineers, Metallurgists, Electrical engineers, Production and Research engineers, with Mechanical engineers in the greatest demand. Some engineers are reluctant to take employment as design engineers, saying "I don't want to be buried at a drawing board." Mr. Bryan had a statement about this which is well worth remembering. He said, "A man must be a willing candidate for burial on a drafting board before he can be buried."

In line with the conversation of mutual resources Mr. Bryan stated that development of better methods of producing oil is a "must." It is not sufficient to say "The Lord will provide." "He has provided, it is up to us to develop."

The steps in the production of a new product were traced, from the time that an idea is conceived to its final marketing. The first step is a survey, by the sales department to find out if there is a market for the product. If it is decided that there is a market for the product the Engineering Department determines

## HONOR SOCIETY ELECTS NEW MEMBERS; PLANS FOR BANQUET MADE

At the mass meeting in Parker Hall last Wednesday, The Honor Society of Phi Kappa Phi announced the names of students recently elected members of this honor society. Phi Kappa Phi national by-laws require its members to be among the first ten per cent of the graduating Senior class. However, The Missouri School of Mines Chapter has received permission from their national headquarters to appoint a grade point average of two or better for each semester of school attended as a requisite for membership.

The initiation ceremony and banquet will be held shortly after the Christmas holidays for the following new members: Maurice D. Wurth, Gerhard E. Joffe, Albert L. Van Amburg, Vincent V. Valleroy, Albert G. McGuire, Stephen Hasko, Ronald E. Eno, Mary H. Dressner, Fred L. Schenk, Ray E. Pickett, Delbert L. Garthwaite, Robert A. Stahl, Charles N. Hudson, Joseph C. Vogt, John E. Corbett, Arne Norman, William E. Simpson, Wilbert F. Stoeker, Wilbern L. Weddle, Audie V. Cardin, Robert F. Doelling, William J. Rother, Otis L. Fronabarger, Billy B. Ray, Francis O. Rodrique, Gilbert S. Keeley, John A. Cooper, Don W. Detjen.

Every year, the MSM chapter of Phi Kappa Phi issues a book plate to each student who has maintained a grade point of two or better for the complete school year. It also maintains a student loan fund. In the past, the local chapter sponsored lectures by various speakers of interest to the student body.

Members of Phi Kappa Phi, including those recently elected, are eligible for competition for the Phi Kappa Phi National Scholarship of five hundred dollars, six of which are issued yearly. These scholarships, awarded exclusively on the applicant's entire school record, are to be applied to any type of graduate work at any school.

## AIME HEARS OIL TALK

The AIME met last Friday at 7:30 in the metallurgy building to hear a talk given by Frank H. Willebrand on "The Engineer and Oil for Tomorrow."

Mr. Willebrand, the midcontinent district manager for the Sohio Oil Company, flew up from his headquarters in Oklahoma City. He spoke regarding the critical position of the nation's oil supply, issuing challenges to our future engineers to help remedy the present shortage of oil. After the main topic he showed charts on deep drilling wells. Mr. Willebrand answered questions for about 20 or 30 minutes from the many members who were there. After the meeting coffee and donuts were served in the metallurgy laboratory.

Usher: "Can you see the game from your seat, sir?" Miner: "Hell no! Where do you think my eyes are?"

She was only a photographer's daughter but what results she got when she sat in a dark room and awaited developments.

## Five Students Receive James Scholarship Wed.

A convocation of MSM students was held at Jackling Gym last Wednesday, Dec. 10, under the sponsorship of the Student Council, for the purpose of presenting athletic and scholarship awards, and announcing plans for a special holiday system. Presiding was Harvey Leaver, Student Council President, and principal speaker was Dean Wilson.

**New Holiday Plan**  
The MSM Student Council, upon approval by the Faculty, was empowered with the authority to declare a school holiday at their own discretion on any one day during the school year. This power, the Student Council said, will probably be utilized at the most logical time, as in the event of a MIAA championship, or at other times when a cause for celebration occurs. The cause for celebration, they stated, would not be limited to athletics. The new provision will be included into the new Student Council constitution, being written at the present time.

### Five Receive Scholarships

Five students were awarded Lucy Wortham James Scholarships of \$200 each. These students were: Chester H. Burris, Junior EE of Robertsville, Mo.; Charles H. Church, Freshman EE from Leocomo, Mo.; Eugene E. Mueller, Senior Ceramist, Woodriver, Ill.; Johnnie E. Williams, Sophomore EE, Rolla, Mo.; and Marvin C. Zeid, a Freshman Mining student. The awards are made yearly to deserving MSM students in memory of William James, his ancestor Thomas James, and his descendant Lucy Wortham James. Thomas James Sr. was the pioneer of Missouri industry, founding the Meramec Iron Works in Phelps County in the early nineteenth century. Students are nominated for the award by members of the faculty and selected by a special faculty committee appointed by the Dean. Awards are made on the basis of need, scholarship, and integrity.

### Phi Kappa Phi Candidates

The Scholarship Society of Phi Kappa Phi announced its selection of candidates for membership at the Convocation. Twenty-seven men were chosen from the January and June graduating classes, all the students having top-ranking grade-point averages for their four years at the School of Mines. Grade-point averages of twenty-seven ranged from 2.54 to 2.07 all-time figures. These students represented the upper 10% of their graduating classes.

The candidates for Phi Kappa Phi are: January graduates—Wurth, Maurice Dean, CE, 2.54; Joffe, Gerhard E., Min. E., 2.51; Van Amburg, Albert Lee, Chem. E., 2.38; Vallroy, Vincent Veath, Chem E., 2.24; McGuire, Albert Gayle, CE, 2.23; Hasko, Stephen, Cer. E., 2.19; and Eno, Ronald Edmund, EE, 2.15.

June graduates — Dressner, Mary Helen, Met. E., 2.42; Schenk, Frederick Lee, Min. E.

(Continued on Page 4)

## 2300 PLUS ON ROLLS FROM PREREGISTRATION FOR SPRING SEMESTER

Over 2300 have thus far completed their preregistration for the spring semester. Of this number there are 109 new students. Sections were not closed as soon, and, in all, the registration proceeded in a more satisfactory manner than had been previously observed.

The Registrar's Office warns that overloads in some sections have been encountered and may possibly be allowed. However, in those few sections in which it will not be permitted, changes will be made in the schedules of those students having the highest registration number in the course, providing other arrangements can be made.



The staff of the MISSOURI MINER wishes the student body, faculty and administrative staff a MERRY CHRISTMAS and A HAPPY NEW YEAR

## They Didn't Learn It In College, But Should Have

Trop, N. Y. - (I. P.)—Statistics issued by the Population Reference Bureau of Washington, D. C., indicate that college graduates, including the alumnae of Russell Sage College, are failing in one important respect, they don't have enough children to replace themselves.

This year the Bureau made a study of the classes of 1922 graduates in a number of American colleges and universities. Sage was one of the educational institutions whose graduates were invited to submit data on the size of their families.

**1.37 Kids in 1937**  
Speaking statistically, according to the survey, the Russell Sage class of 1922 had an average of 1.31 children; that of 1937 had an average of 1.05 children. The 1922 graduates with families who reported had an average of 1.88 children; those of 1937, 1.70 children.

The other colleges which took part in the survey reported a similar state of affairs. The alumnae of a few of the other women's colleges had slightly more children than the Russell Sage alumnae; the alumnae of others had less.

The story told by the figures of this and similar surveys is that the birth rate among college graduates is low; in fact, that it is diminishing. In consequence of the low birth rate among college graduates, the nation's pool of potential leaders will include less and less of its sons and daughters whose parents have had the benefit of a college education.

Pittsburgh, Pa. - (I. P.)—The deans of men and women at the University of Pittsburgh have started a three-pronged drive to curb "undignified" conduct on the campus with individual letters to all students and a list of special orders to the student corps of marshalls.

The usual regulations concerning smokers, removal of hats, gambling, and organization publicity must be enforced, according to the new directive. A special request to curb "too

affectionate behavior by men and women students" on the campus lawns was made. Students are asked to maintain the dignity of the University by standing or sitting on the cathedral lawn. Specific orders for the marshalls stated, "Students are expected to stand or sit, but not lie down on the lawn."

### Cooperation on Lawns

A corroborating statement appeared in the letter mailed to all women students by Dean Helen P. Rush. She explained, "Another problem... is the tendency of some students to embarrass others by too personal a relationship with men in public... this may be carried to the lawn. Here again we must count on the good taste and cooperation of every student."

Other orders listed a closer watch on student actions in the locker rooms. Reported locker thefts necessitated the ruling. Excessive noise and rowdiness were tabooed in the deans' requests.

In the introductory remarks prefacing the marshalls' rules, Dean of Men T. W. Biddle wrote: "If all who entered the Cathedral displayed common courtesy and good breeding in all their actions, there would be no need for rules or for marshalls."

"Since this is no Utopia, there are rules, and you, as a marshall, must see that they are respected."

### Special Rates!

CHICAGO, Dec. 6—Students and faculty members spending the holidays at home will be offered special round-trip railroad fares, with the return trip permitted at the spring vacation period or at the close of the school term, Hugh W. Siddall, chairman of the Railroad Passenger Interterritorial Committee, announced today.

The new fares go into effect December 25th. Mr. Siddall said they will result in substantial savings to students and faculty members, who formerly were obliged to travel on one-way fares because of a 3-month return limitation on round-trip tickets. This restores a privilege extended school personnel before the war.



Led by Howard Kastlebaum, members of the Kappa Sigma choral group perform for a disappointed audience after lucking out to win the annual Interfraternity Sing.

## NOTED METALLURGIST JOINS MET FACULTY AS RESEARCH PROFESSOR

Dr. Martin E. Straumanis, a native of Lithuania, has just recently joined the faculty in the Metallurgy Department here at MSM. He will act as Research Professor in Metallurgy in that department, a new faculty position at MSM, and will do no teaching for the present.

Dr. Straumanis was born in Lithuania, and received the major part of his education in Latvia and Germany. His scientific publications, 103 in number, include both books and papers; and although the majority of them are in the fields of Metallurgy, some even branch into Analytical Chemistry. He has held many responsible positions in the scientific world of Europe in the past 20 years.

Although Dr. Straumanis could not get along with his one-time Nazi conquerors, neither could he put up with the Russian liberators; hence, he and his family have sought work here.

His principle field of research here at MSM will be the lattice controls of metals and alloys.

## KAPPA SIGMA FIRST IN INTERFRATERNITY SING; PROGRAM BROADCAST

The choral group representing Kappa Sigma Fraternity was awarded first place in the annual Inter-fraternity Sing, held last Friday night, Dec. 12, in Parker Hall Auditorium. The second spot in the fraternity competition went to Sigma Nu, while two fraternities, Triangle and Pi Kappa Alpha, tied for third position.

The annual program was heard over the air for the first time in history, as Radio Station KTRR carried the broadcast to the local area. Pat White, of Sigma Phi Epsilon, handled the duties of announcer for the program. Reports of the program from the radio audience have been very favorable, and future programs will probably be broadcast over the local station.

Judges for the contest were Prof. C. H. Black, Prof. D. H. Erikletian, and Mr. John W. Scott. Judgment was made on appearance, harmony, and presentation. Both the winning and the second-place fraternities received plaques provided by the Interfraternity Council. The program was under the direction of Walter A. Mathews, of the Council. Dean Wilson spoke during the program.

## RADIO CLUB ERECTS ANTENNA; RIG READY

With the antenna erected and the transmitter out of order the signal put out by the radio club rig isn't traveling very far these days. The transmitter is expected to be in order in a couple of weeks—so things will begin to hum again. The call WEEE came through from Washington so the whole set-up is official now.

Prof. Carl T. Johnk took the unsavory job of climbing the new smoke stack to put up the antenna. The time was 9 A.M. last Wednesday with a small blizzard raging. Prof. Johnk can testify there are some phases of being the Radio Club's sponsor that have their drawbacks.

Rollin H. Koontz is still running the radio theory classes every Monday at 4 P.M. in Room 106 Norwood. Koontz is now up to radio theory itself, having covered all the basic theory. All Jr. and Sr. EE's who are interested in getting their amateur's radio license are invited to join the class as their basic EE courses will have taught them the fundamentals of electricity already. All others are invited also, but there'll have to be some studying at home for the rest to pick up the basic theory of electricity.

## CO-OP GETTING NEW "HELP-YOURSELF" MEAT CASE; BOARD ELECTION DATE SET FOR JAN. 8

At the last meeting of the Board of Directors it was decided to make a much needed change in the meat department at the store. A new meat case has been purchased which will contain all ready packaged meats and will follow the help-yourself plan. Wrapped in cellophane so the customer will be able to see what is being purchased, the packages will contain for instance, one, two, or four chops or steaks and the price will be marked on each one. If the purchaser wishes to buy three steaks then by helping himself to a package containing two and another containing one he is able to move right along with a minimum of time wasted. Since the new meat case will arrive this week, it is expected to have the help-yourself meat service in operation within a very short time.

A lack of milk has also been a fault in the meat department and this too will be remedied in the very near future. Other dairies, which will be able to supplement the limited supply of the Cope-land Dairy, are being contacted in order to have a sufficient quantity of fresh, grade A milk available at the store.

In the original organization meeting of the Co-op it was decided that the board of directors which were elected would serve as a temporary board until such time as a permanent one could be elected. The present board has been extremely busy since the opening of the store, but at the last meeting it was decided that the election should be held as soon as possible. Since the corporation by-laws require a two-week notice to the stockholders before an election, the notice cards are being sent out this week and the election will be held Thursday, January 8, 1948. The newly elected board will be in office until the end of the spring semester at which time it will be necessary to have another election.

Because of pressing personal problems, Henry Bixby has resigned from the Board of Directors and George Eadie has taken over his duties as secretary until the newly elected board members take office.

The daily opening time of the store has been changed from ten to nine o'clock upon the request of a large number of stockholders. Those who have suggestions which will further improve the operation of the store should make a copy of the proposed plan and place it in the suggestion box at the store.

## PARROTS ARE SMART

The elderly preacher and his wife had as their pet a lone parrot. This parrot, evidently affected by long years at the religious residence, spent its days in constant prayer. It prayed incessantly from morning until night.

In contrast, the next door neighbor had a parrot who was an incessant curser. This distressed the neighbor greatly to have a cursing parrot right next door to the parsonage. One day after many discussions about how to stop the parrot's cursing, the neighbor and the parson's wife decided to place the two parrots in one cage in the hope that the praying parrot might reform the cursing parrot.

The two parrots sat on the perch for some time looking at each other, neither uttering a sound.

Finally the cursing parrot broke the silence.

"How about some loving?"

The praying parrot replied, "What the hell do you think I've been praying for?"

A rumba is an asset to music.

## Letters to the Editor

Dear Sir:  
The Missouri School of Mines is attended by students from all over the country, as well as areas farther distant. Most of these students have long distances to travel.

I was very much disappointed by the decision handed down by the Student Council. It is granted that we do not have very much time off in the spring, but at the same time these students who live a great distance from Missouri could not put a day in the spring to any great advantage. If, on the other hand, we were let out early, Friday, we could gain a possible thirty-six hours. An extra day doesn't mean

very much to the local students, as they can go home on any of the week-ends. The far distant students, however, have been looking forward to going home for the past four months. We would have appreciated that extra day at home very much.

I do not think the student Council handled the situation very well. It was anything but democratic! Why weren't the students allowed to vote on this decision? There should have at least been an open discussion on the matter.

I hope in the future the Student Council operates more for

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## THE MISSOURI MINER



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## Remember That Pay-Raise?

This summer the MINER carried an editorial on the need for the proposed raise in subsistence allowances for veteran students. The bill proposing such a measure had passed the Senate, but had bogged down in the House of Representatives and remained bogged down until the close of that Congressional session.

Perhaps our trying to present the plight of the majority of the students here, and to raise interest in the matter by venturing forth in the world through the medium of a small-college newspaper, armed only with pen, ink and desire, is like David marching onto the plains of Judah without his slingshot. Our first "cry in the wilderness" was heard, however, and portions of the editorial were reprinted in a widely-read St. Louis newspaper. But, when topics like four-billion dollar loans, partitions, nation-crippling strikes and world-wide confusion are glaring at the people daily in the headlines and dinned into nervous ears by radio news-reporters, news-analysts, news-commentators, news-fabricators, etc., it is hoping for much to expect the problem of a few million plain everyday citizens to remain long a matter of public interest.

The emergency session of Congress recently ordered is a good indication of the number and gravity of problems facing our legislature and administration. Perhaps many of these problems will be settled, but many more of them will remain to be acted upon during the regular Congressional session beginning in January. They will be hot issues, fresh in the minds of our legislators, and will undoubtedly receive first attention. How long will the veteran-student wait until someone decides that the "old business" of "that veteran pay-raise" be acted on? The shelving of the issue this year held some promise of hope; it was not dropped completely. But next year it may be discarded as an old, tired subject.

Meanwhile, veterans are having to drop out of school because they cannot support themselves and their families, or those that are lucky enough to have savings left will find themselves using the few remaining dollars in the hope that they can graduate before the last bit is gone.

The far-sighted men who laid the foundation of the GI-Bill did so because they felt that the nation would benefit by educating its younger citizens. The matter of showing appreciation to veterans could have been left out entirely. The nation seems to have accepted the program with enthusiasm. The veteran did. He expected no "gravy train," and a peak at the housing, eating and classroom problems he accepted and is still accepting, shows that he got none.

Many of those who were forced to leave college had only such a glimpse of higher education that they are fired with the idea of learning more. Perhaps someday they will be able to return, and certainly the man who is willing to fight his way up from the bottom is the one who should be given the chance to better himself. A helping hand is not going to spoil him.

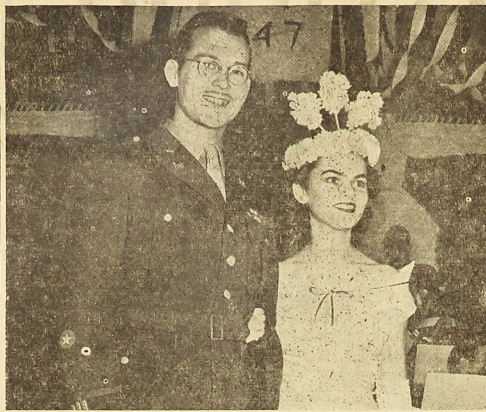
The time for the veteran to get his education is now, not a few years from now when he has raised enough money to live on while going to college. If the nation looks on a pay-raise as charity, the whole program might as well be regarded in that same light. To be effective, the GI-Bill must provide a livable wage for the student.

## The Houston House

NEWBURG, MO.

Extends the Seasons Greetings  
to the  
**MINERS**

## Highlights of the Military Ball



Above: Cadet Colonel R. C. Gaureke takes pleasure in his job after crowning Miss Annette Elmore Queen of the Military Ball last week.

Right: Col. Harding of the MSM ROTC unit also shows the advantages of military life.



## OFF THE CAMPUS

## Pi Kappa Alpha

During the past week the house on the highway was filled with the Yuletide spirit preparing for the Christmas Formal. As usual the house was decorated for the affair. The decorations included a large "Merry Christmas" across the front of the house and a reasonable facsimile of a fireplace surrounding the front door. At least everyone thought it was reasonable! "Big Bette" Witte, the pin-girl of Bob Kreutzer, arrived in Rolla Thursday so that she could assist in decorating the

interior of the house. Of course she made sure that there was sufficient amount of mistle-toe in sight.

On Friday night a very enjoyable record dance was held following the Interfraternity Sing. Saturday night found the Annual Christmas Formal at the house. It was a fine evening and we enjoyed the music of the Varsity Orchestra. Several of the R. O. T. C. men dropped in after attending the Military Ball at Jacking Gym. The chaperones for the evening were Dr. and Mrs. Forrester and Mr. and Mrs. Robert Eck.

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## "JUST TELL THE TRUTH"

"Just Tell the Truth" is the record of what one man—the president of The American Agricultural Editors' Association—gives about how the common people of Russia live and work today. With no axe to grind, and as a free-lance correspondent, he was able to get behind the "iron curtain" and travel freely about that vast land, with only the request to tell the truth about things as he saw them.

Having much interest in the agricultural methods of Russia and a desire to improve the relations between the people of Russia and those of the United States by increasing the flow of information between them, Mr. Strohm, our author, talked with Russian peasants and observed their ways of doing things.

In addition to writing about what he saw, the author took photographs showing conditions of people and the farm land as he went along. Many of these pictures appear in this book and make it more realistic. He found friendliness and hospitality wherever he went. So he feels that if the common people of Russia and the U. S. could really get acquainted, prospects for world peace would be greater.

However, it should be added that the favorable view of this book given above is not shared by all reviewers. They say that Mr. Strohm seldom gets beneath the surface in his examination of Russian life, observing only the pleasant aspects and disregards the fact that Russia is a police state with all the unpleasant features which this implies.

A news story from the University of Akron—"The vulgarity of the short skirt is gone," Mrs. Margaret Byrne, fashion expert, declared at a women's assembly Wednesday.

The same issue replies on its editorial page, "They may have been vulgar, Mrs. Byrne, but the old look was certainly interesting, especially on a blustery day."

## CO-OP GROCERY

In order to further acquaint the stockholders with prices of various items sold at the Co-op Grocery, the store management submits this list:

Groceries	
Vegetable Shortening, 3-lb can	\$1.21
Crackers, 2-lb box	.35
Clinton Salad Oil—pint	.33
Gibson Potato Chips, Large Package	.23
Co-op Pumpkin, No. 2 1/2 can	.13
Co-op Golden Corn, Whole Kernel, No. 2 can	.15
Lima Beans, No. 2 can	.11
Tomatoes, No. 2 can	.12
Hunts Tomato Sauce	.06
Dill Pickles, quart	.24
Ma Brown Pure Raspberry Preserves	.46
Co-op Tea, 1/2-lb	.26
Produce	
Washington Delicious Apples, 3 lbs for	.25
Potatoes, 10 lbs for	.35
Pink Grapefruit, each	.04
Select Tomatoes, per box	.24
Meat	
Chuck Roast	\$.45 lb
Hamburger	.39 lb
Sirloin Steak	.67 lb
Round Steak	.68 lb
Picnic Ham	.51 lb
Pork Chops	.52 lb
Baking Chicken	.40 lb
Butter	.88 lb
Miscellaneous	
Aspirins, 24 tablets	.07
Milk of Magnesia, pint	.17
Toilet Soap, Pine scented, per bar	.08
Co-op Soap Powder	.36
Ice Cream, pint	.22
Milk, Grade A Pasteurized, Qt.	.17
All Popular Brands Cigarettes, carton	\$1.34
Co-op Cigarettes, carton	\$1.20

## The Marriage Ring

by Virginia Van Kirk

The familiar sights, smells and sounds of the Christmas season have begun to permeate the M. S. M. campus and environs. Small Christmas trees are tucked away in the corners of front or back porches. Here and there festive green and red wreaths and decorations peek out of windows or doorways. Mother and Daddy sit up late at night after Daddy has finished studying, perusing the Sears Roebuck catalogue, in an effort to aid Santa and a slender budget.

If you happened to go past temporary classroom T-5 the other evening, you heard the nostalgic strains of "Silent Night" and "Jingle Bells" drifting into the still, frosty evening, as well as the screams of hysterical delight when Mr. S. Claus made his appearance with his bag of gifts. All of which were the high spots of the University Dames annual Christmas party for the small fry.

Ginger Smith told the story of "Little Wolf and the Wooden Shoes." Frances Brady led the carol singing, and, after Santa returned to his pressing duties at the North Pole, the children and their mothers were given gaily wrapped popcorn balls to take home.

Young Carolyn Eadie celebrated her third birthday on Dec. 10 with a party for her "Buddies" and their mothers.

Those who shared the birthday cake and ice cream were Mrs. William Fulford with sons George Robert and Walter, Mrs. Fred Schenck and Susan, Mrs. Jean Copeland and Steven, Mrs. Worth Irwin and James, Mrs. Jewell Overlease with Gary and Diana, Mrs. Roy Aston with Larry Wayne and Lois Ann, and Susan Maggi.

An Xmas party will be held by the Gamma Iota Gammas at the Methodist parsonage. Gifts will be exchanged and there will be a yuletide program. Hostesses for the affair are Betty June

Wilkes and Peggy Wilkes. This is a social group which wives of any denomination may join. If you are interested you might call Phyllis Cornelius at 1118-J.

The stork was a busy bird recently. Mr. and Mrs. Rolf Basteard announced the arrival of a baby boy on Dec. 11. Mr. and Mrs. Lynn Hartmann are the parents of a boy, who was named Michael, born on Sunday, Dec. 7. Mr. and Mrs. Richard Snyder are the parents of a baby girl, who was named Joyce, on the 15th of November.

There is a part time position available at the Rolla Public Library. The work requires 8 to 10 hours a day. Call Mrs. Hanley at the library if you are interested.

An unusual birthday-bridge party was celebrated at Betty Novotny's the other evening. The group had played bridge together over a period of a year.

The "bridgers" were Fran Hoey, Iris Wicker, Genna Hequembourg, Betty Hartman, Ginny Snyder, Betty Todd, Mary Lou Hepp, and Eleanor Freyert.

The Hugh Wades had out-of-town guests, Madelein's niece and friend, the past week-end.

Gloria Parmenter is recovering from an illness. Her mother is here from Kansas City.

Isobel McCormack is convalescing from a siege of influenza.

Rollamo pictures of the University Dames will be taken on Wednesday evening at 9:30 at Parker Hall. All members are urged to report so that we may have a satisfactory picture for the annual.

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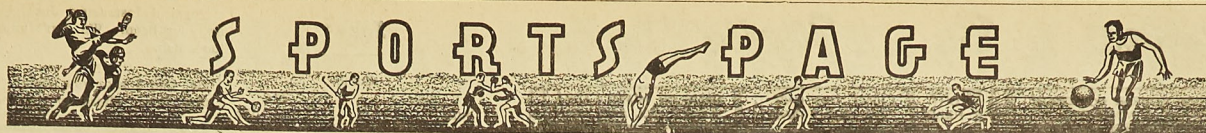
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## Shurtleff Downs Miners 51-49 For First Defeat

The Miner basketball team was defeated by the Shurtleff five in the main event last Wednesday night, 51 to 49. The game was as tight as a Pullman window all the way, neither team ever being ahead by more than eight points. Shurtleff somehow scored first, but the Miners came right back with an attack spearheaded by Jasper Jenkins and held the lead for much of the first half. The tide turned however, and the visitors lead at the half, 27 to 22.

In the second half the Miners were dogged by wild passing and a persistent failure to regain the ball from the backboard. However, they settled down and slowly but surely gained ground on Shurtleff. With six minutes left, a basket by Jenkins evened the count at 43 apiece. For people with a bad heart the rest of the game was dangerous to watch. Both teams fought desperately and with but a minute of play remaining, Perino sunk one through the hoop to put the Miners out in front, 49 to 48. A victory just wasn't in the cards though, and the boys from Shurtleff scored a free throw and another basket to lead at the end, 51 to 49.

The most spectacular shot of the evening was made by Perino in the last two seconds of play. From about five feet inside the opposite court he arched the ball between the girders and down onto, but not in, the basket. If that ball had been just a few molecules to the right it would have zipped through the net to tie the score. If, that is.

The Miners made 19 goals out of 65 shots for a percentage of 29. Shurtleff made 18 out of 51 for a percentage of 35. Shurtleff scored 15 free throws to the Miners' 11. There is no doubt that with a little more teamwork and coordination Hafeli's boys can do right well this season.

Miners			
Player	Goals	F.T.	T.P.
Volles	1	1	3
Perino	1	1	3
Perry	4	3	11
Jenkins	6	2	14
Breeze	5	2	12
Roark	1	2	4
Thrall	1	0	2

Shurtleff			
Player	Goals	F.T.	T.P.
Miller	6	4	16

Gaunders	2	1	5
Logan	1	2	4
Hanks	7	6	20
Smith	2	0	4
Crossman	0	2	2

The Miners' "B" team lost a close game to the Newburg Legionnaires, by a score of 42 to 41 score. It was Newburg all the way, however, as they kept a good lead during the first half. Although the B squad fought ruggedly to gain a lead, they never had quite enough luck to get ahead. At the half-time Newburg led by 4 points, 17 to the Miners' 13.

As the second half opened the Miners' B team came up to tie the score at 23 all, but Newburg almost immediately got their eye on the bucket and came back with several quick baskets to again take the lead. From the last 10 minutes on it was a give and take affair. Grimm of the Miners dropped out on personals which gave Newburg a decided advantage. As game time ended Newburg led by a 42 to 41 count which clinched the game for them. W. Roach led the Newburg quintet with 17 points followed by Baker and Lewis with 8 counters each. Sakoni, a Miner substitute, led the losers with 12 points.

### The Box Score:

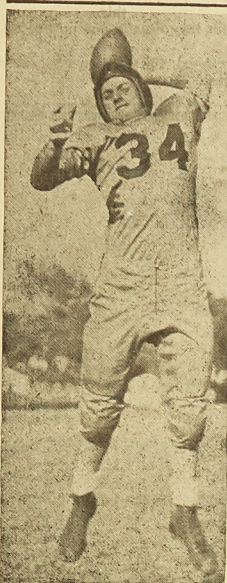
Miners' B			
Player	FG	FP	PF
Grimm	0	1	5
Breeze	1	2	0
Schmidt	3	0	0
Eaton	1	2	3
Hammond	2	3	4
Wohlert	1	1	0
Lodwick	2	0	2
Sakoni	6	0	4
Rice	0	0	0

Newburg			
Player	FG	FP	PF
Baker, Don	4	0	2
Dellechmann	0	0	0
Roach, K	1	0	1
Baker, Dee	0	0	0
Roach, W	6	5	5
Lewis	3	2	2
Hudgins	0	1	0
McCormic	0	1	3
Ray	1	3	1

Referee: Chapman  
Umpire: Schwartz

You've heard of the guy who started on a shoe string and worked his way up until he got his face slapped.

### Co-Captains for 1948



BOB KEMPER



JIM McGRATH

All-conference fullback McGrath and all-conference quarterback Kemper were elected co-captains of the 1948 Miner football team last Thursday by members of 1947 Conference Champs. McGrath recently was named "Most Valuable Player" on the Miner squad.

## -the SPORTS EYE- by CHAPMAN

With three games under their belt, the MSM cage quintet is off to a good start for this basketball season of '47-48. The competition to date has been very much of the type which can be expected in the MIAA conference. With the exception of Harris Teachers', the two other teams, Shurtleff and Drury, play much the same type of ball as do the teams in the conference.

Coach Hafeli can be congratulated to date coming up with a team which displays a bit of the old Miner spirit. The teamwork and moral of the squad is exceptionally fine. The co-ordination of the ball-handling, rebounding, as well as the other phases of the game should become much better as the season progresses. With my fingers crossed, I would like to predict 11 wins and 7 losses for the Miners' this season.

Starring during the first three games this season, being high point man for two games, Roger Jenkins has this year been on of the spark plugs of the old Miner spirit. Roger, known by many as "Jasper," has improved his shooting to the point where he will be a man for other teams to watch closely.

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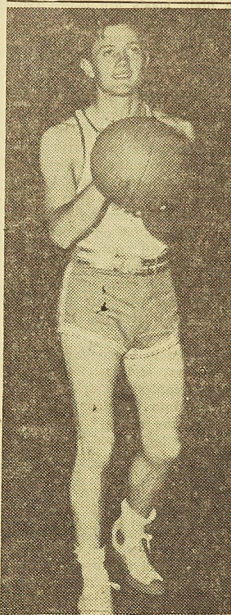
Hailing from Sparta, Mo. which is just outside of Springfield, Roger entered MSM in '45. He lettered four years in high school and has lettered two years here at the School of Mines. A

### MSM Club Accepted By Nat'l. Rifle Assn.

Washington, D. C., December 3 —The Missouri School of Mines & Metallurgy of Rolla, Missouri, has been granted a charter in the National Rifle Association it was announced here today.

Headed by Mr. J. L. Mundy, president of the Rifle Club, the team will fire intercollegiate shoulder-to-shoulder and postal matches with other schools throughout the nation.

World War II veterans may reinstate their lapsed National Service Life Insurance without taking a physical examination until December 31, 1947.



ROGERS JENKINS

A lipstick is something that merely adds a new flavor to an old pastime.

## Cagers Hit Stride At Drury In 57-49 Win

The Miner cagers displayed real power at Springfield, Mo. last Friday, when they defeated Drury 57-44 on the losers home courts.

Drury took the lead in the opening minutes of the game, scoring two free throws, but the Miners soon tied the score and surged ahead. Drury again evened the game in the first five minutes of the game, but the Miners soon took control and maintained the lead for the rest of the game, and at one point in the third quarter were eighteen points ahead of Drury, finally winning by a score of 57-44.

Roger Jenkins, playing in his own home town, was the outstanding player for the Miners, racking up seven field goals for a total of fourteen points. He was followed closely by Roark, a transfer student from Drury, who scored four field goals and five foul shots against his former teammates.

Reddick, Dunseth and Julian shared high scoring honors for Drury with eight points each. Roberts, who was unable to start due to shin splints, was also outstanding for the losers during his brief time in the game.

The Miner team has been improving steadily this season, and was in fine form against the well rated Drury squad. Players were

hitting their shots well and had a decided edge over the Springfield five on rebounds. In other respects the two teams were remarkably well matched, and the game was hard fought all the way. The Miner offensive still lacks championship polish, which may lead to trouble in league play, but from all appearances at Drury there is reason for far more optimism than pre-season estimates would warrant.

Two more games are scheduled for this week. The team will travel to Westminster tonight for a non league game starting at 7:30 p.m., and will play host to Scott Field Thursday night at 8:15 p.m. in Jackling gym. Preceding the varsity game, the Miner B team will tangle with the Rolla Ramblers, with time set for 6:30 p.m.

Lineups	
Miners	Drury
Jenkins	F Reddick
Breeze	F Weston
Perry	C Dunseth
Volles	G Luginbill
Roark	G Tracy

Substitutions: MSM; Perino, Thrall, Nnederstadt, Hughes, Hensan, Schmidt, Drury; Brower, Julian, Roberts, Birkensbach, Hirst.

Referee: Little  
Umpire: Lance

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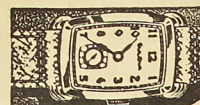
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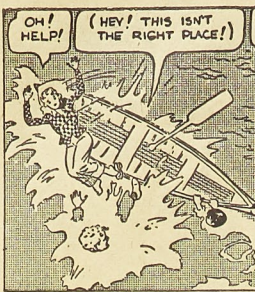
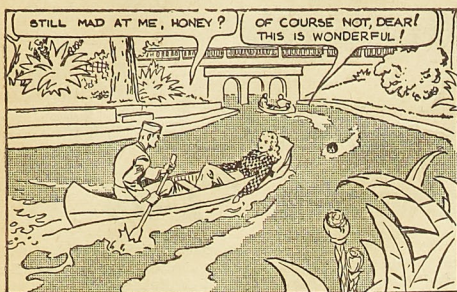
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# Cherry Sundae By Wally Tucker



## Letters

(Continued from Page 1)

all of the Student Body.

A dissatisfied student,  
Donald B. Smith

"Dear Mr. Editor:

"I would like to register my disappointment in the decision of the student council concerning an extra day for Christmas. I would like to cite the cases of the many students who live at such distances from Rolla that the extra day at Christmas could be for more beneficial to the students who have only this chance to get home throughout the whole school year. In many cases the Saturday classes alone will cause losses of up to twenty-four hours in travel time.

Robert Garley"

On the last page of the November 12 edition of the MINER there was a certain article written by a fellow by the name of Al Funk. It expressed his views on the Honor Fraternities on the campus, berating them for what in his eyes is lack of cooperation. It was quite obvious that he was quite uninformed about his subject.

It is my purpose at this time to let him in on the scoop on one of the now most active organizations on the campus, and incidentally the newest. That organization is the ceramic honor frat, Keramos. Since the organization was installed July 26, 1947 the members have been most industrious. Many students have noticed and commented favorably on one of the projects which now hangs in the foyer of the experimental station. That project, of course, was to prepare a map showing the location of all graduates of the ceramic department who are now out in industry. It was accomplished. Another Keramos production is the monthly publication, the "Mud Slinger" which all students in the department are familiar with. The newspaper covers the latest information on new developments in the department, activities, and gossip about ceramic students, and any new ideas that might be beneficial to ceramists. At the regular meeting of the group last Tuesday, Nov. 18, 1947, plans were discussed for the possible production of a ceramic year book which would come out in the spring, should the members deem it practical.

On November 4, 1947, Dr. John Hostetter, one of the very important men in glass in this country was initiated as an honorary member of the fraternity. Later he lectured to an open session on the "History of Glass." Everyone was invited, but very few outside students took advantage of the opportunity.

To back track a few weeks to Parents Day, those students who

## Scholarships

(Continued from Page 1)

Geol. 2.42; Pickett, Ray Edgar, Met. E. 2.29; Garthwaite, Delbert Lee, ME, 2.29; Stahl, Robert A. Chem. E., 2.28; Hudson, Charles Noe, Chem. E., 2.28; Vogt, Joseph Charles, Met. E., 2.27; Corbett, John E., EE, 2.25; Normann, Arne, ME 2.23; Simpkin, William Edward, 2.23; Stoecker, Wilbert Fred, ME, 2.20; Waddle, Wilbert Lee, Met. E., 2.20; Cardin, Audie Vernon, CE, 2.20; Doelling, Robert Frederick, Met. E., 2.19; Rothert, William Jack, EE, 2.15; Ray, Billy Bruce, ME, 2.12; Rodrique, Francis Oren, Chem. E., 2.10; Keely, Gilbert Smith, EE, 2.08; Cooper, John Allen, CE, 2.07; and Detjen, Don W., Chem. E., 2.07.

### Football Letters Awarded

Thirty-one football jackets were awarded to members of MSM's 1947 MIAA Champion football team. Co-captains Neal Wood and Paul Fullop, both graduating Seniors, were honored at the ceremony. The Miners finished in first place in the Conference with a record of four wins against one loss, and placed three men, Wood, Jim McGrath, Ralph Stallman and Bob Kemper on the All-Conference team. All but seven of the 1947 lettermen will be back next season, with Neal Wood, Paul Fullop, R. C. Gauerke, Robert Volz, Al Swartz Lee Markway and Ralph Stallman lost to the team by graduation.

were able to get around and see every thing must certainly agree that the demonstrations and displays in the ceramic department were by far the tops. This is another of the type of work that Keramos has either done or instigated in the past very few weeks.

It is suggested that should Mr. Funk or any one else who feels he must write an article of criticism or reproach will hereafter conduct a very thorough research of the particular subject before releasing a torrent of caustic words which cannot be proven! (Signed)

Padfield



By Gallagher

Merry Christmas, 1947. Prices are high, goods are poor, living quarters almost unobtainable, people are grasping, the war is over, and not a sign of peace is arrived.

We must investigate ourselves to see if we are tinged with Red; we find high officers of our army are corrupt; we read with disinterest of lynchings and race-riots; we vote to "return" to their "homeland" a people who are not a race, thereby forcing them upon a nation that does not want them; we fill our jails with drunks and insane, free them if they have enough money and then wonder why our crime and delinquency rates are skyrocketing.

We worship the dollar bill, the fancy cars and possessions of useless baubles; our drinking parties run into millions and we gripe at the many "touches you get hit up for around this time of year." We educate our youth in the value of goods, and teach them to scorn the way of truth. We limit happiness to things felt by the physical senses.

And we have our excuses. I might as well because somebody else will if I don't. He would do it to me if I let him. Do unto others before they do unto you. Nobody will know the difference, and even if they do, they wouldn't connect me with it.

And we have our fears. A people living high, high on a pinnacle, surrounded by the things evidencing the most advanced technological civilization in the world, are fearful that far below, past the fogs that obscure the base of the tower, there is something that will cause the whole thing to collapse. An atom bomb?

Russia? Our own greed? Or just something?

And once a year we smile and say "Merry Christmas." And once a year we say "Happy New Year." And some year we may lose the habit.

## Tractor Expert

(Continued from Page 1)

whether or not the item can be produced. When the committee decides that the item is to be produced, the design engineers go to work. The specialists on different parts complete the design and 2 models are built at a cost of about 15,000 dollars per model, for testing purposes. After this the project engineers go to work, testing and observing all parts of the engine under operating conditions. When all of the "bugs" have been ironed out about 100 pilot models are produced and let out to well known users. While in operation, these pilot models are checked by the field engineers, who submit daily or weekly reports to the factory. After two years of operating and checking a report is made to the committee. If the committee approves the product it is then ready for manufacture. Costs are determined and the factory gets the go ahead signal.

In closing Mr. Bryan emphasized the statement that a technical man who cannot give clear, concise verbal and written reports will not advance very far.

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She: Sure, where do you live?

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